

Department of Aeronautics and Astronautics

Naval Postgraduate School

Faculty Vita

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Education:

Ph.D. Mechanical Engineering, Stanford University (1968)
MS Engineering, University of California, Los Angeles (1963)
BS Engineering, University of California, Los Angeles (1959)

Related Experience (Teaching, Industrial, etc.):

Naval Postgraduate School (1968-present) Assistant, Associate, Full Professor
Technion, Haifa, Israel (1966-67), Visiting Associate Professor
GTE Electrical Products (1987-89), Senior Engineering Specialist
Lockheed Aircraft (1986-87) Sabbatical
Stanford University (1964-68), Research Assistant
Hughes Aircraft Company (1961-63), Member of the Technical Staff
AiResearch Manufacturing Company/Garrett Corporation (1959-61), Development Engr.

Institutional and Professional Service (Last 5 Years):

Academic Associate and Associate Chair in Aeronautics and Astronautics
Academic Associate in Space Systems Engineering (Curriculum 591)

Honors and Awards:

Hughes Master Fellow (1962-1963)
Ford Foundation Plasma Fellow (1966-1967)
Lady Davis Fellow (1976-1977)

Scientific and Professional Society Membership:

American Institute of Aeronautics and Astronautics (AIAA)
American Physical Society (APS)
Institute of Electrical and Electronic Engineers (IEEE)
Sigma Xi

Principal Publications (Last 5 Years):

Sutton, G. P. and Biblarz, O., *Rocket Propulsion Elements*, 7th Edition, John Wiley & Sons, New York, 2001.

- Biblarz, O. and Bell, W. J., "Thermionic Arc Breakdown in Small Discharge Gaps: Model and Applications", IEEE Transactions on Industry Applications, Vol 34, No 2, March/April 1998.
- Biblarz, O., Pomerantz, B. and Lindsey, G. H., " Transonic Missile Drag Area-Rule and Afterbody Role Verification with CFD", Paper AIAA 98-0527, 36th Aerospace Sciences Meeting, Reno, Nevada, January 12-15, 1998.
- Biblarz, O. and Pomerantz, B., "CFD Verification of Transonic Area- and Similarity Rules with Missile Configurations", 37th Annual Conference on Aerospace Sciences, Israel, February 26-27, 1997.